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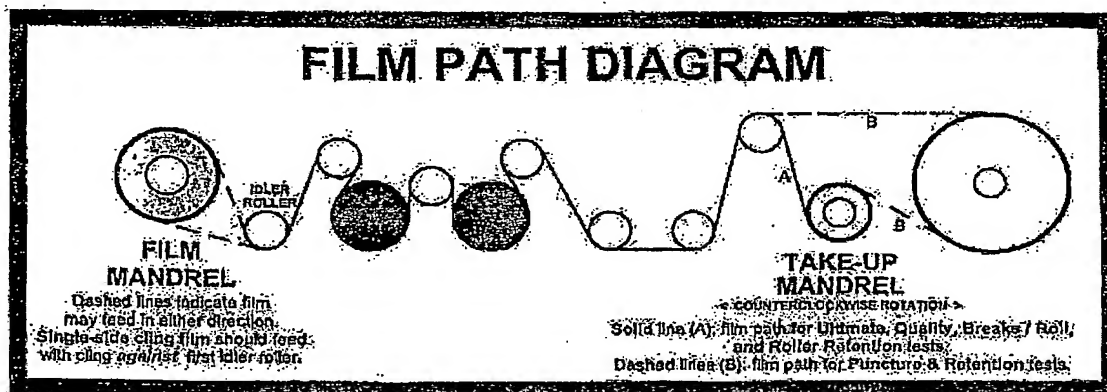


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- (54) Title: FILM WITH SUPERIOR IMPACT RESISTANCE AND IMPROVED CATASTROPHIC FAILURE RESISTANCE UNDER HIGH STRAIN RATE



(57) Abstract: Stretch films which exhibit good puncture and impact resistance while also exhibiting resistance to defect propagation are desired. The films of the present invention have an ultimate stretch of at least 200 percent, a dart impact strength of at least about 700 gms/mil and a catastrophic failure stretch of at least 95 percent of the elongation to break value (CF of 5 or less). The films preferably comprise at least 3 layers and preferably comprise at least 50 percent by weight of polyethylene polymers.

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